

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



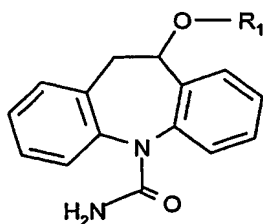
(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/087168 A1

- (51) International Patent Classification⁷: **A61K 31/55**,
A61P 25/18
- (21) International Application Number:
PCT/EP2004/003590
- (22) International Filing Date: 1 April 2004 (01.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/459,864 2 April 2003 (02.04.2003) US
- (71) Applicant (for all designated States except AT, US): **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
- (71) Applicant (for AT only): **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MARTENYI, Ferenc** [HU/CH]; Fleischbachstrasse 69, CH-4153 Reinach (CH). **SCHMUTZ, Markus** [CH/CH]; Baumgartenweg 24, CH-4124 Schoenenbuch (CH). **ZECHNER, Stefanie** [CH/CH]; Sommergasse 16, CH-4056 Basel (CH).
- (74) Agent: **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- with international search report
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: USE OF 10-HYDROXY-10,11-DIHYDROCARBAMAZEPINE DERIVATIVES FOR THE TREATMENT OF AFFECTIVE DISORDERS



(I)

(57) Abstract: The present invention relates to a method for the treatment, including the maintenance treatment, of affective disorders, which comprises administering, especially every 20 to 28 hours, to said subject a therapeutically effective amount, especially an amount between about 500 and about 3000 mg, of a compound of formula (I) wherein R₁ represents hydrogen or C₁-C₃alkyl carbonyl; to the use of a compound of (I) or a pharmaceutically acceptable salt thereof for the manufacture of a pharmaceutical composition for the treatment of affective disorders; to a combination comprising: (a) a compound of formula (I); and (b) at least one compound selected from the group consisting of lithium, divalproex, conventional antipsychotics, atypical antipsychotics, lamotrigine and antidepressants; and to the use of such combination for the treatment of affective disorders.